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Game MA, Owen WC, Mitchell DK. Cutaneous manifestations of disseminated fungal infection in an immunocompromised child. 1998;133:466 (Insights)
Garcia J (*see* Yetman et al). 1998;133:705-7 (CLO)
García-Foncillas J (*see* Román et al). 1998;133:582-3 (Letter reply)
Garratty G (*see* Moallem et al). 1998;133:279-81 (CLO)
Garvey MA, Gaillard WD, Rusin JA, Ochsenschlager D, Weinstein S, Conry JA, Winkfield DR, Vezina LG. Emergency brain computed tomography in children with seizures: Who is most likely to benefit? 1998;133:664-9
Gauvreau K (*see* de Zorzi et al). 1998;133:254-8
Geary DF. Attitudes of pediatric nephrologists to management of end-stage renal disease in infants. 1998;133:154-6 (CLO)
Geffner ME (*see* Kaiserman et al). 1998;133:300-2 (CLO)
George TN (*see* Acarregui et al). 1998;133:697-700 (CLO)
Georgieff MK. Intrauterine growth retardation and subsequent somatic growth and neurodevelopment. 1998;133:3-5 (Editorial)
Gerdes JS (*see* Seri et al). 1998;133:728-34
Gern JE (*see* James et al). 1998;133:624-8
Gerstman D (*see* Ackerman et al). 1998;133:309 (Letter)
Giacchino R (*see* Bortolotti et al). 1998;133:378-81
Gibson RA (*see* Makrides et al). 1998;133:559-62 (CLO)
Gidding SS, Stone NJ, Bookstein LC, Laskarzewski PM, Stein EA. Month-to-month variability of lipids, lipoproteins, and apolipoproteins and the impact of acute infection in adolescents. 1998;133:242-6
Gil A (*see* Rueda et al). 1998;133:90-4
Gilliland MGF (*see* McConnell et al). 1998;133:259-61 (CLO)
Gillor A, Koch D, Satow K, Golka T. Systemic to pulmonary collateral arteries. 1998;133:585 (Letter)
Gingold MK, Jaynes ME, Bodensteiner JB, Romano JT, Hammond MT. The rise and fall of the plantar response in infancy. 1998;133:568-70 (CLO)

Glaser B, Herold K, Stanley CA. Clinical and molecular heterogeneity of familial hyperinsulinism. 1998;133:801 (Letter)
Godard M (*see* Feoli-Fonseca et al). 1998;133:417-23
Goh AYT (*see* Lum et al). 1998;133:795-8 (CLO)
Golabi M (*see* Johnson et al). 1998;133:441-8
Gold BD (*see* Ogunbi et al). 1998;133:103-7
Goldsworthy W (*see* Omari et al). 1998;133:650-4
Golka T (*see* Gillor et al). 1998;133:585 (Letter)
Gomperts ED (*see* Usner et al). 1998;133:782-7
Gondi A (*see* Moallem et al). 1998;133:279-81 (CLO)
Goulding P (*see* Wall et al). 1998;133:282-5 (CLO)
Gracey MP (*see* Burke et al). 1998;133:206-13
Grange DK (*see* Wall et al). 1998;133:282-5 (CLO)
Granger D (*see* Leitch et al). 1998;133:755-60
Greene GR (*see* Saphyakhajon and Greene). 1998;133:167 (Letter)
Greensher J (*see* Mofenson et al). 1998;133:712-3 (Letter)
Griebel JL (*see* Ivy et al). 1998;133:453-6 (CLO)
Grignon A (*see* Beck et al). 1998;133:237-41
Groberg G (*see* Ackerman et al). 1998;133:309 (Letter)
Groothuis JR (*see* Simoes et al). 1998;133:492-9
Gross SJ, Iannuzzi DM, Kveselis DA, Anbar RD. Effect of preterm birth on pulmonary function at school age: a prospective controlled study. 1998;133:188-92
Gross-Tsur V (*see* Shalev et al). 1998;133:358-62
Grouhi M, Dalal I, Nisbet-Brown E, Roifman CM. Cerebral vasculitis associated with chronic mucocutaneous candidiasis. 1998;133:571-4 (CLO)
Guffon N, Souillet G, Maire I, Straczek J, Guibaud P. Follow-up of nine patients with Hurler syndrome after bone marrow transplantation. 1998;133:119-25
Guibaud P (*see* Guffon et al). 1998;133:119-25
Gussetti N (*see* Bortolotti et al). 1998;133:378-81
Gutin B (*see* Owens et al). 1998;133:41-5

H

Hadchouel M (*see* Jacquemin et al). 1998;133:563-7 (CLO)
Haffner D (*see* Maxwell et al). 1998;133:435-40
Hagstrom JN, Walter J, Bluebond-Langner R, Amatniek JC, Manno CS, High KA. Prevalence of the factor V Leiden mutation in children and neonates with thromboembolic disease. 1998;133:777-81
Hall BD (*see* Johnson et al). 1998;133:441-8
Hall CB (*see* Caserta et al). 1998;133:386-9
Hall JG. A bone is not a bone is not a bone. 1998;133:5-6 (Editorial)
Hall RT. Phenobarbital and perinatal asphyxia. 1998;133:714 (Letter reply)
Hambidge KM (*see* Krebs et al). 1998;133:761-4
Hamer H (*see* Rosenow et al). 1998;133:660-3
Hamilton SD (*see* Wagener et al). 1998;133:486-91
Hammond MT (*see* Gingold et al). 1998;133:568-70 (CLO)
Hanley-Lopez J, Estabrooks LL, Stiehm ER. Antibody deficiency in Wolf-Hirschhorn syndrome. 1998;133:141-3 (CLO)
Hannon DW (*see* McConnell et al). 1998;133:259-61 (CLO)
Hansen CA (*see* Morrison et al). 1998;133:526-32
Hansen M (*see* Heuck et al). 1998;133:608-12
Harding JE (*see* Bloomfield et al). 1998;133:269-71 (CLO)
Harding JE (*see* Bloomfield et al). 1998;133:395-400
Harkavy KL. A topical topic: Toxicity of antiseptics? 1998;133:309-10 (Letter)
Harkins A (*see* Bhudhikanok et al). 1998;133:18-27
Harmon E (*see* Shetty et al). 1998;133:552 (Insights)
Hart CA (*see* Manary et al). 1998;133:789-91 (CLO)
Hartman A, Stocker JT, Moriarty R. A 7-week-old boy with respiratory congestion. 1998;133:457-62 (Grand rounds)
Hashimoto T (*see* Cox et al). 1998;133:247-53
Haslam R (*see* Omari et al). 1998;133:650-4
Hay WW Jr (*see* Brockway and Hay). 1998;133:63-6
Hayden FG (*see* Pitkäranta et al). 1998;133:390-4
Heitkemper M (*see* Shulman et al). 1998;133:645-9
Hemophilia Growth and Development Study (*see* Usner et al). 1998;133:782-7
Hensley T (*see* Borges et al). 1998;133:303-5 (CLO)
Herold K (*see* Glaser et al). 1998;133:801 (Letter)
Heuck C, Wolthers OD, Kollerup G, Hansen M, Teisner B. Adverse effects of inhaled budesonide (800 μg) on growth and collagen turnover in children with asthma: a double-blind comparison of once-daily versus twice-daily administration. 1998;133:608-12
Higgins CD (*see* Swerdlow et al). 1998;133:516-20
High KA (*see* Hagstrom et al). 1998;133:777-81
Hill HR (*see* Borges et al). 1998;133:303-5 (CLO)
Hindmarsh PC (*see* Ramaswami et al). 1998;133:99-102
Hindmarsh PC (*see* Swerdlow et al). 1998;133:516-20
Hitchcock W (*see* Meyer et al). 1998;133:363-5
Hivroz C (*see* Bernard et al). 1998;133:537-43
Hohne C (*see* Vernacchio et al). 1998;133:275-8 (CLO)
Holmes LB (*see* Stoler et al). 1998;133:346-52
Hornby L (*see* Jacob et al). 1998;133:193-200
Hotta H (*see* Etani et al). 1998;133:588 (Letter)
Howell C (*see* Ackerman et al). 1998;133:309 (Letter)
Howell SJ, Wilton P, Lindberg A, Shalet SM. Growth hormone replacement and the risk of malignancy in children with neurofibromatosis. 1998;133:201-5
Howie AJ (*see* Moghal et al). 1998;133:220-3
Hsu H-Y (*see* Chen et al). 1998;133:382-5
Hsu H-Y (*see* Tang et al). 1998;133:374-7
Huhta JC (*see* Baumgart et al). 1998;133:57-62
Huntington KS (*see* Stoler et al). 1998;133:346-52
Hupertz V (*see* Kugathasan et al). 1998;133:675-81
Hurtaud-Roux M-F (*see* Farnoux et al). 1998;133:137-40 (CLO)
Husesby V (*see* Yetman et al). 1998;133:705-7 (CLO)
Husson B (*see* Landrieu et al). 1998;133:129-32 (CLO)
Hyams JS, Hyman PE. Recurrent abdominal pain and the biopsychosocial model of medical practice. 1998;133:473-8
Hyman PE (*see* Hyams and Hyman). 1998;133:473-8

I

Iannuzzi DM (*see* Gross et al). 1998;133:188-92
Idiong N, Lemke RP, Lin Y-J, Kwiatkowski K, Cates DB, Rigatto H. Airway closure during mixed apneas in preterm infants: Is respiratory effort necessary? 1998;133:509-12
Iinuma K (*see* Kato et al). 1998;133:803 (Letter reply)
Ikeda H, Maruyama K, Koizumi T, Tsuchida Y, Tanimura M. Prematurity and hepatoblastoma: More than just an association? 1998;133:586 (Letter reply)
Infante AJ, Britton HA, DeNapoli T, Middelton LA, Lenardo MJ, Jackson CE, Wang J, Fleisher T, Straus SE, Puck JM. The clinical spectrum in a large kindred with autoimmune lymphoproliferative syndrome caused by a Fas mutation that impairs lymphocyte apoptosis. 1998;133:629-33
Iorio R (*see* Fortunato et al). 1998;133:286-9 (CLO)
Isichei CO (*see* Pfitzner et al). 1998;133:740-4
Italian Study Group for Turner Syndrome (*see* Mazzanti et al). 1998;133:688-92
Ivy DD, Griebel JL, Kinsella JP, Abman SH. Acute hemodynamic effects of pulsed delivery of low flow nasal nitric oxide in children with pulmonary hypertension. 1998;133:453-6 (CLO)

J

Jabado N (*see* Bernard et al). 1998;133:537-43
Jackson CE (*see* Infante et al). 1998;133:629-33
Jacob SV, Coates AL, Lands LC, MacNeish CF, Riley SP, Hornby L, Outerbridge EW, Davis GM, Williams RL. Long-term pulmonary sequelae of severe bronchopulmonary dysplasia. 1998;133:193-200
Jacobson MS. Heart healthy diets for all children: no longer controversial. 1998;133:1-2 (Editorial)
Jacquemin E, Lykavieris P, Chaoui N, Hadchouel M, Bernard O. Transient neonatal cholestasis: origin and outcome. 1998;133:563-7 (CLO)
James JM, Zeiger RS, Lester MR, Fasano MB, Gern JE, Mansfield LE, Schwartz HJ, Sampson HA, Windom HH, Machtinger SB, Lensing S. Safe administration of influenza vaccine to patients with egg allergy. 1998;133:624-8
Janabi I, Fan LL. Bronchogenic cyst masquerading as asthma. 1998;133:166 (Insights)
Jarvis WR (*see* Archibald et al). 1998;133:640-4
Jauliac S (*see* Bernard et al). 1998;133:537-43
Jawad AF (*see* Tershakovec et al). 1998;133:28-34
Jaynes ME (*see* Gingold et al). 1998;133:568-70 (CLO)
Jero J (*see* Pitkäranta et al). 1998;133:390-4
Joffres MR (*see* Robinson et al). 1998;133:533-6 (CLO)
Johnson C (*see* Ackerman et al). 1998;133:309 (Letter)

Johnson CA (*see* Wagener et al). 1998;133:486-91
Johnson D (*see* Ackerman et al). 1998;133:309 (Letter)
Johnson GM (*see* McKinney et al). 1998;133:500-8
Johnson JP, Golabi M, Norton ME, Rosenblatt RM, Feldman GM, Yang SP, Hall BD, Fries MH, Carey JC. Costello syndrome: phenotype, natural history, differential diagnosis, and possible cause. 1998;133:441-8
Jones KL, Chambers C. Biomarkers of fetal exposure to alcohol: identification of at-risk pregnancies. 1998;133:316-8 (Editorial)
Jones KL (*see* Martin and Jones). 1998;133:151-3 (CLO)
Judmaier W (*see* Frischhut et al). 1998;133:449 (Insights)

K

Kairalla A (*see* Ackerman et al). 1998;133:309 (Letter)
Kaiserman KB, Nakamoto JM, Geffner ME, McCabe ERB. Minipuberty of infancy and adolescent pubertal function in adrenal hypoplasia congenita. 1998;133:300-2 (CLO)
Kalangos A (*see* Beghetti et al). 1998;133:799 (Insights)
Kalis NN (*see* De Villiers et al). 1998;133:149-50 (CLO)
Kaplan P (*see* Arens et al). 1998;133:670-4
Kaplowitz P. Delayed puberty in obese boys: comparison with constitutional delayed puberty and response to testosterone therapy. 1998;133:745-9
Karn CA (*see* Leitch et al). 1998;133:755-60
Karp W (*see* Owens et al). 1998;133:41-5
Kato S, Ebina K, Iinuma K. Alcohol isn't for kids: endoscopic hemostasis of bleeding peptic ulcers in pediatric patients. 1998;133:803 (Letter reply)
Katz AL (*see* Baumgart et al). 1998;133:57-62
Kay MH, Wyllie R. Alcohol isn't for kids: endoscopic hemostasis of bleeding peptic ulcers in pediatric patients. 1998;133:802 (Letter)
Keane C (*see* Ostrea et al). 1998;133:513-5
Kearns GL, Leeder JS, Wasserman GS. Combined antipyretic therapy: another potential source of chronic acetaminophen toxicity. 1998;133:713-4 (Letter reply)
Keller A (*see* McKinney et al). 1998;133:500-8
Kemp A (*see* Ting et al). 1998;133:575-6 (CLO)
Kemp JP, Dockhorn RJ, Shapiro GG, Nguyen HH, Reiss TF, Seidenberg BC, Knorr B. Montelukast once daily inhibits exercise-induced bronchoconstriction in 6- to 14-year-old children with asthma. 1998;133:424-8
Khongphatthanayothin A, Lane J, Thomas D, Yen L, Chang D, Bubolz B. Effects of cisapride on QT interval in children. 1998;133:51-6
Khoury PR (*see* Young et al). 1998;133:46-50
Kien CL, McClead RE, Cordero L Jr. Effects of lactose intake on lactose digestion and colonic fermentation in preterm infants. 1998;133:401-5
Kimball TR (*see* Young et al). 1998;133:46-50
King M (*see* Vernacchio et al). 1998;133:275-8 (CLO)
Kinsella J (*see* Ackerman et al). 1998;133:309 (Letter)
Kinsella JP (*see* Abman and Kinsella). 1998;133:716 (Letter)
Kinsella JP (*see* Ivy et al). 1998;133:453-6 (CLO)
Kirubakaran C (*see* Omari et al). 1998;133:650-4
Kistler V (*see* Moore et al). 1998;133:108-12
Knight DB (*see* Bloomfield et al). 1998;133:269-71 (CLO)
Knight DB (*see* Bloomfield et al). 1998;133:395-400
Knorr B (*see* Kemp et al). 1998;133:424-8
Koch D (*see* Gillor et al). 1998;133:585 (Letter)
Koizumi T (*see* Ikeda et al). 1998;133:586 (Letter reply)
Kollerup G (*see* Heuck et al). 1998;133:608-12
Kornreich L (*see* Shuper et al). 1998;133:126-8 (CLO)
Korson MS (*see* Cox et al). 1998;133:247-53
Köseoğlu V, Kutluk MT, Cila A. Severe bone involvement with Langerhans cell histiocytosis. 1998;133:711 (Insights)
Kotagal P (*see* Rosenow et al). 1998;133:660-3
Kotagal S (*see* Wall et al). 1998;133:282-5 (CLO)
Kozaiwa K (*see* Etani et al). 1998;133:588 (Letter)
Kramer AA (*see* Simoes et al). 1998;133:492-9
Krebs NF, Sontag M, Accurso F, Hambidge KM. Low plasma zinc concentrations in young infants with cystic fibrosis. 1998;133:761-4
Krenzelok EP (*see* Spiller et al). 1998;133:584-5 (Letter reply)
Krivit W (*see* Peters et al). 1998;133:7-9 (Editorial)
Krowchuk DP (*see* DuRant et al). 1998;133:113-8
Kugathasan S, Willis J, Dahms BB, O'Riordan MA, Hupertz V, Binion DG, Boyle JT, Fiocchi C. Intrinsic hyperreactivity of mucosal T cells to interleukin-2 in pediatric Crohn's disease. 1998;133:675-81
Kulin HE (*see* Susman et al). 1998;133:521-5
Kurth S (*see* Vernacchio et al). 1998;133:275-8 (CLO)
Kutluk MT, Varan A. Familiar drugs for the treatment of hypercalcemia. 1998;133:311-2 (Letter reply)
Kutluk MT (*see* Köseoğlu et al). 1998;133:711 (Insights)
Kveselis DA (*see* Gross et al). 1998;133:188-92
Kwiatkowski K (*see* Idiong et al). 1998;133:509-12

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Lacroix J (*see* Beck et al). 1998;133:237-41
Lam SK (*see* Lum et al). 1998;133:795-8 (CLO)
Lambert M (*see* Feoli-Fonseca et al). 1998;133:417-23
Lambert M (*see* Lum et al). 1998;133:795-8 (CLO)
Landrieu P, Blanche S, Vanier M-T, Metral S, Husson B, Sandhoff K, Fischer A. Bone marrow transplantation in metachromatic leukodystrophy caused by saposin-B deficiency: a case report with a 3-year follow-up period. 1998;133:129-32 (CLO)
Lands LC (*see* Jacob et al). 1998;133:193-200
Lane J (*see* Khongphatthanayothin et al). 1998;133:51-6
Langue J (*see* Cohen et al). 1998;133:634-9
LaRussa P (*see* Salzman and LaRussa). 1998;133:310-1 (Letter reply)
Laskarzewski PM (*see* Gidding et al). 1998;133:242-6
Lau C (*see* Shulman et al). 1998;133:645-9
Lawson JO (*see* Pfitzner et al). 1998;133:740-4
Le N-A (*see* Owens et al). 1998;133:41-5
Leeder JS (*see* Kearns et al). 1998;133:713-4 (Letter reply)
Leeson R (*see* Makrides et al). 1998;133:559-62 (CLO)
Legal S (*see* Ferraris et al). 1998;133:533-6
Leigh D (*see* Ting et al). 1998;133:575-6 (CLO)
Leitch CA, Karn CA, Peppard RJ, Granger D, Liechty EA, Ensing GJ, Denne SC. Increased energy expenditure in infants with cyanotic congenital heart disease. 1998;133:755-60
Lemke RP (*see* Idiong et al). 1998;133:509-12
Lenardo MJ (*see* Infante et al). 1998;133:629-33
Lensing S (*see* James et al). 1998;133:624-8
Lescoeur B (*see* Berrebi et al). 1998;133:290-2 (CLO)
Lester MR (*see* James et al). 1998;133:624-8
Letourneau K (*see* Vohr et al). 1998;133:353-7
Levy C (*see* Cohen et al). 1998;133:634-9
Lávy E (*see* Feoli-Fonseca et al). 1998;133:417-23
Liben LS (*see* Susman et al). 1998;133:521-5
Lieberman E (*see* Stoler et al). 1998;133:346-52
Liechty EA (*see* Leitch et al). 1998;133:755-60
Lim WL (*see* Lum et al). 1998;133:795-8 (CLO)
Lin H-H (*see* Chen et al). 1998;133:382-5
Lin H-H (*see* Tang et al). 1998;133:374-7
Lin Y-J (*see* Idiong et al). 1998;133:509-12
Lindberg A (*see* Howell et al). 1998;133:201-5
Lindeman R (*see* Ting et al). 1998;133:575-6 (CLO)
Linder N, Davidovitch N, Sack Y. A topical topic: Toxicity of antiseptics? 1998;133:310 (Letter reply)
Lindsay RL (*see* Accardo and Lindsay). 1998;133:320-1 (Editorial)
Linshaw M (*see* Berul et al). 1998;133:581 (Insights)
Lochan SR, Adeniyi-Jones S, Assadi FK, Frey BM, Marcus S, Baumgart S. Coadministration of theophylline enhances diuretic response to furosemide in infants during extracorporeal membrane oxygenation: a randomized controlled pilot study. 1998;133:86-9
Loechelt BJ (*see* Young et al). 1998;133:765-9
Lofrano MM (*see* Fortunato et al). 1998;133:286-9 (CLO)
Loghmani ES (*see* Rickard et al). 1998;133:429-34
Lombardi AM (*see* Parini et al). 1998;133:800 (Letter)
Long CE (*see* Caserta et al). 1998;133:386-9
Lookingbill G (*see* Susman et al). 1998;133:521-5
Lotgering FK (*see* de Vries et al). 1998;133:586-8 (Letter)
Luban NLC (*see* Young et al). 1998;133:765-9
Lucky AW (*see* Morrison et al). 1998;133:526-32
Luisiri A (*see* Wall et al). 1998;133:282-5 (CLO)
Lum LCS, Tan PSK, Saville A, Venkataraman ST, Pinsky MR. Occult nitric oxide inhalation improves oxygenation in mechanically ventilated children. 1998;133:613-6
Lum LCS, Wong KT, Lam SK, Chua KB, Goh AYT, Lim WL, Ong BB, Paul G, AbuBakar S, Lambert M. Fatal enterovirus 71 encephalomyelitis. 1998;133:795-8 (CLO)
Lund CH, Nonato LB. Barrier function of neonatal skin. 1998;133:467-8 (Letter reply)

Lykavieris P (*see* Jacquemin et al). 1998;133:563-7 (CLO)
Lynch L, Faust J. Reduction of distress in children undergoing sexual abuse medical examination. 1998;133:296-9 (CLO)

M

Mac E (*see* Ostrea et al). 1998;133:513-5
MacDonald K (*see* Vernacchio et al). 1998;133:275-8 (CLO)
Machtinger SB (*see* James et al). 1998;133:624-8
MacNeish CF (*see* Jacob et al). 1998;133:193-200
Maire I (*see* Guffon et al). 1998;133:119-25
Makrides M, Leeson R, Gibson RA, Simmer K. A randomized controlled clinical trial of increased dietary iron in breast-fed infants. 1998;133:559-62 (CLO)
Maldonado J (*see* Rueda et al). 1998;133:90-4
Malloy MJ (*see* Mietus-Snyder and Malloy). 1998;133:35-40
Manary MJ, Hart CA, Whyte MP. Severe hypophosphatemia in children with kwashiorkor is associated with increased mortality. 1998;133:789-91 (CLO)
Manno CS (*see* Hagstrom et al). 1998;133:777-81
Manor O (*see* Shalev et al). 1998;133:358-62
Mansfield LE (*see* James et al). 1998;133:624-8
Marcus R (*see* Bhudhikanok et al). 1998;133:18-27
Marcus S (*see* Lochan et al). 1998;133:86-9
Margraf P (*see* Moore et al). 1998;133:108-12
Martin RA, Jones KL. Absence of the superior labial frenulum in holoprosencephaly: a new diagnostic sign. 1998;133:151-3 (CLO)
Martini A (*see* Ravelli et al). 1998;133:262-5 (CLO)
Maruyama K (*see* Ikeda et al). 1998;133:586 (Letter reply)
Mascha E (*see* Rosenow et al). 1998;133:660-3
Massicotte MP, Dix D, Monagle P, Adams M, Andrew M, Canadian Childhood Thrombophilia Program. Central venous catheter related thrombosis in children: analysis of the Canadian Registry of Venous Thromboembolic Complications. 1998;133:770-6
Matias O (*see* Ostrea et al). 1998;133:513-5
Matrunola M (*see* Antonelli et al). 1998;133:693 (Insights)
Maxwell H, Haffner D, Rees L. Catch-up growth occurs after renal transplantation in children of pubertal age. 1998;133:435-40
Mazhar M (*see* Ostrea et al). 1998;133:513-5
Mazzanti L, Cacciari E, Italian Study Group for Turner Syndrome. Congenital heart disease in patients with Turner's syndrome. 1998;133:688-92
McCabe ERB (*see* Kaiserman et al). 1998;133:300-2 (CLO)
McCabe MA (*see* Dinndorf et al). 1998;133:293-5 (CLO)
McClead RE (*see* Kien et al). 1998;133:401-5
McConnell ME, Hannon DW, Steed RD, Gilliland MGF. Fatal obliterative coronary vasculitis in Kawasaki disease. 1998;133:259-61 (CLO)
McCubbin MM (*see* Wagener et al). 1998;133:486-91
McFee R (*see* Mofenson et al). 1998;133:712-3 (Letter)
McGarvey MJ (*see* O'Donnell et al). 1998;133:272-4 (CLO)
McKay HA, Bailey DA, Mirwald RL, Davison KS, Faulkner RA. Peak bone mineral accrual and age at menarche in adolescent girls: a 6-year longitudinal study. 1998;133:682-7
McKenzie JM (*see* Tershakovec et al). 1998;133:28-34
McKinney RE Jr, Johnson GM, Stanley K, Yong FH, Keller A, O'Donnell KJ, Brouwers P, Mitchell WG, Yogev R, Wara DW, Wiznia A, Mofenson L, McNamara J, Spector SA, Pediatric AIDS Clinical Trials Group Protocol 300 Study Team. A randomized study of combined zidovudine-lamivudine versus didanosine monotherapy in children with symptomatic therapy-naive HIV-1 infection. 1998;133:500-8
McNamara J (*see* McKinney et al). 1998;133:500-8
McNeil Y (*see* Brand-Miller et al). 1998;133:95-8
McVeagh P (*see* Brand-Miller et al). 1998;133:95-8
Medeiros D, Buchanan GR. Major hemorrhage in children with idiopathic thrombocytopenic purpura: immediate response to therapy and long-term outcome. 1998;133:334-9
Meinke J (*see* Susman et al). 1998;133:521-5
Meissner HC (*see* Simoes et al). 1998;133:492-9
Mendelsohn AM, Shim D. Inroads in transcatheter therapy for congenital heart disease. 1998;133:324-33
Menni F (*see* Parini et al). 1998;133:800 (Letter)
Mercuri E (*see* Dubowitz et al). 1998;133:406-16
Meredith K (*see* Ackerman et al). 1998;133:309 (Letter)
Mertens AC, Wen W, Davies SM, Steinbuch M, Buckley JD, Potter JD, Robison LL. Congenital abnormalities in children with acute leukemia: a report from the Children's Cancer Group. 1998;133:617-23
Messer M (*see* Brand-Miller et al). 1998;133:95-8
Metral S (*see* Landrieu et al). 1998;133:129-32 (CLO)
Meyer GA, Blum NJ, Hitchcock W, Fortina P. Absence of the fragile X CGG trinucleotide repeat expansion in girls diagnosed with a pervasive developmental disorder. 1998;133:363-5
Mick E (*see* Biederman et al). 1998;133:544-51
Middelton LA (*see* Infante et al). 1998;133:629-33
Mietus-Snyder M, Malloy MJ. Endothelial dysfunction occurs in children with two genetic hyperlipidemias: improvement with antioxidant vitamin therapy. 1998;133:35-40
Miki K, Moore DJ, Butler RN, Southcott E, Couper RTL, Davidson GP. The sugar permeability test reflects disease activity in children and adolescents with inflammatory bowel disease. 1998;133:750-4
Milerad J, Vege Å, Opdal SH, Rognum TO. Objective measurements of nicotine exposure in victims of sudden infant death syndrome and in other unexpected child deaths. 1998;133:232-6
Milford DV (*see* Moghal et al). 1998;133:220-3
Miller CR (*see* Bisset et al). 1998;133:306-7 (Grand rounds)
Milligan RAK (*see* Burke et al). 1998;133:206-13
Milner L (*see* Berul et al). 1998;133:581 (Insights)
Minton S (*see* Ackerman et al). 1998;133:309 (Letter)
Mirwald RL (*see* McKay et al). 1998;133:682-7
Mistry K (*see* Yetman et al). 1998;133:705-7 (CLO)
Mitchell DK (*see* Game et al). 1998;133:466 (Insights)
Mitchell EA, Thompson JMD, Ford RPK, Taylor BJ, New Zealand Cot Death Study Group. Sheepskin bedding and the sudden infant death syndrome. 1998;133:701-4 (CLO)
Mitchell WG (*see* McKinney et al). 1998;133:500-8
Mitchell WG (*see* Usner et al). 1998;133:782-7
Moallem HJ, Garratty G, Wakeham M, Dial S, Oligario A, Gondi A, Rao SP, Fikrig S. Ceftriaxone-related fatal hemolysis in an adolescent with perinatally acquired human immunodeficiency virus infection. 1998;133:279-81 (CLO)
Mocan H (*see* Mocan et al). 1998;133:583 (Letter)
Mocan MC, Mocan H, Aslan Y, Erduran E. Iron therapy in breath-holding spells and cerebral erythropoietin. 1998;133:583 (Letter)
Modak SI, Bussel JB. Treatment of children with immune thrombocytopenic purpura: Are we closer to resolving the dilemma? 1998;133:313-4 (Editorial)
Mofenson H (*see* Borowski et al). 1998;133:584 (Letter)
Mofenson HC, McFee R, Caraccio T, Greensher J. Combined antipyretic therapy: another potential source of chronic acetaminophen toxicity. 1998;133:712-3 (Letter)
Mofenson L (*see* McKinney et al). 1998;133:500-8
Moghal NE, Ferreira MAS, Howie AJ, Milford DV, Raafat F, Taylor CM. The late histologic findings in diarrhea-associated hemolytic uremic syndrome. 1998;133:220-3
Mohamed AN (*see* Savaşan et al). 1998;133:694-6 (CLO)
Molina-Font JA (*see* Rueda et al). 1998;133:90-4
Moll HA (*see* van Stuijvenberg et al). 1998;133:557-8 (CLO)
Molrine D (*see* Vernacchio et al). 1998;133:275-8 (CLO)
Monagle P (*see* Massicotte et al). 1998;133:770-6
Montgomery V, Buchino JJ. Clinical pathologic conference: a newborn infant with pulmonary hypertension. 1998;133:157-61 (Grand rounds)
Moons KGM (*see* van Stuijvenberg et al). 1998;133:557-8 (CLO)
Moore DJ (*see* Miki et al). 1998;133:750-4
Moore M, Schulte J, Valway SE, Stader B, Kistler V, Margraf P, Murray D, Christman R, Onorato IM. Evaluation of transmission of *Mycobacterium tuberculosis* in a pediatric setting. 1998;133:108-12
Moore PE (*see* Vohr et al). 1998;133:353-7
Moran A, Doherty L, Wang X, Thomas W. Abnormal glucose metabolism in cystic fibrosis. 1998;133:10-7
Moriarty KP (*see* Berul et al). 1998;133:581 (Insights)
Moriarty R (*see* Hartman et al). 1998;133:457-62 (Grand rounds)
Morrison JA, Sprecher DL, Biro FM, Hansen CA, Lucky AW, Wride K. Sex hormones and lipoproteins in adolescent male offspring of parents with premature coronary heart disease and a control group. 1998;133:526-32
Moss RB (*see* Bhudhikanok et al). 1998;133:18-27
Mueller DH. Timeliness of codifying nutrition ABCDE's for BPD. 1998;133:315-6 (Editorial)
Murakami S (*see* Vernacchio et al). 1998;133:275-8 (CLO)
Murray D (*see* Moore et al). 1998;133:108-12

N

Nakamoto JM (*see* Kaiserman et al). 1998;133:300-2 (CLO)
Namey T (*see* Arens et al). 1998;133:670-4
Neubert A, Remer T. The impact of dietary protein intake on urinary creatinine excretion in a healthy pediatric population. 1998;133:655-9
Neufeld EJ (*see* Vernacchio et al). 1998;133:275-8 (CLO)
New Zealand Cot Death Study Group (*see* Mitchell et al). 1998;133:701-4 (CLO)
Newburger JW (*see* de Zorzi et al). 1998;133:254-8
Newhouse M (*see* Amirav and Newhouse). 1998;133:715 (Letter)
Nguyen HH (*see* Kemp et al). 1998;133:424-8
Ni Y-H (*see* Chen et al). 1998;133:382-5
Ni Y-H (*see* Tang et al). 1998;133:374-7
Nichol JL (*see* Young et al). 1998;133:765-9
Nisbet-Brown E (*see* Dalal et al). 1998;133:144-6 (CLO)
Nisbet-Brown E (*see* Grouhi et al). 1998;133:571-4 (CLO)
Nonato LB (*see* Lund and Nonato). 1998;133:467-8 (Letter reply)
Norton ME (*see* Johnson et al). 1998;133:441-8
Null D (*see* Ackerman et al). 1998;133:309 (Letter)

O

Ochsenschlager D (*see* Garvey et al). 1998;133:664-9
O'Donnell DR, McGarvey MJ, Tully JM, Balfour-Lynn IM, Openshaw PJM. Respiratory syncytial virus RNA in cells from the peripheral blood during acute infection. 1998;133:272-4 (CLO)
O'Donnell KJ (*see* McKinney et al). 1998;133:500-8
Ogon M (*see* Frischhut et al). 1998;133:449 (Insights)
Ogunbi SO, Ransom JA, Sullivan K, Schoen BT, Gold BD. Inflammatory bowel disease in African-American children living in Georgia. 1998;133:103-7
Ohrt B (*see* Wolke et al). 1998;133:224-31
Okada S (*see* Etani et al). 1998;133:588 (Letter)
Oligario A (*see* Moallem et al). 1998;133:279-81 (CLO)
Omari TI, Barnett C, Snel A, Goldsworthy W, Haslam R, Davidson G, Kirubakaran C, Bakewell M, Fraser R, Dent J. Mechanisms of gastroesophageal reflux in healthy premature infants. 1998;133:650-4
Omati S (*see* Parini et al). 1998;133:800 (Letter)
Ong BB (*see* Lum et al). 1998;133:795-8 (CLO)
Onorato IM (*see* Moore et al). 1998;133:108-12
Opdal SH (*see* Milerad et al). 1998;133:232-6
Openshaw PJM (*see* O'Donnell et al). 1998;133:272-4 (CLO)
O'Riordan MA (*see* Kugathasan et al). 1998;133:675-81
Österlund K (*see* Wolke et al). 1998;133:224-31
Ostrea A (*see* Ostrea et al). 1998;133:513-5
Ostrea EM Jr, Matias O, Keane C, Mac E, Utarnachitt R, Ostrea A, Mazhar M. Spectrum of gestational exposure to illicit drugs and other xenobiotic agents in newborn infants by meconium analysis. 1998;133:513-5
Ou C-N (*see* Shulman et al). 1998;133:645-9
Outerbridge EW (*see* Jacob et al). 1998;133:193-200
Owen WC (*see* Game et al). 1998;133:466 (Insights)
Owens S, Gutin B, Ferguson M, Allison J, Karp W, Le N-A. Visceral adipose tissue and cardiovascular risk factors in obese children. 1998;133:41-5
Oyhamburu J (*see* Ferraris et al). 1998;133:533-6

P

Padbury JF. Neonatal dopamine pharmacodynamics: lessons from the bedside. 1998;133:719 (Editorial)
Pappo AS (*see* Arnaout and Pappo). 1998;133:788 (Insights)
Parini R, Colombo F, Lombardi AM, Omati S, Menni F, Beccaria L. Hyperinsulinism plus hyperammonemia. 1998;133:800 (Letter)
Parks DK (*see* Yetman et al). 1998;133:705-7 (CLO)
Pasqualini T (*see* Ferraris et al). 1998;133:533-6
Patel KM (*see* Ruttimann et al). 1998;133:79-85
Paul G (*see* Lum et al). 1998;133:795-8 (CLO)
Paul JJ (*see* Baumgart et al). 1998;133:57-62
Paul KE (*see* Baumgart et al). 1998;133:57-62
Peake J (*see* Bernard et al). 1998;133:537-43
Pediatric AIDS Clinical Trials Group Protocol 300 Study Team (*see* McKinney et al). 1998;133:500-8
Peliowski A (*see* Cheung et al). 1998;133:735-9
Peppard RJ (*see* Leitch et al). 1998;133:755-60
Peters C, Shapiro EG, Krivit W. Hurler syndrome: past, present, and future. 1998;133:7-9 (Editorial)
Peterson CM (*see* Stoler et al). 1998;133:346-52
Peterson KP (*see* Stoler et al). 1998;133:346-52
Petrak BA (*see* Borges et al). 1998;133:303-5 (CLO)
Pettifor JM (*see* Pfitzner et al). 1998;133:740-4
Peuchmaur M (*see* Berrebi et al). 1998;133:290-2 (CLO)
Pfitzner MA, Thacher TD, Pettifor JM, Zoakah AI, Lawson JO, Isichei CO, Fischer PR. Absence of vitamin D deficiency in young Nigerian children. 1998;133:740-4
Pinquier D (*see* Farnoux et al). 1998;133:137-40 (CLO)
Pinsky MR (*see* Lum et al). 1998;133:613-6
Pitkäranta A, Jero J, Arruda E, Virolainen A, Hayden FG. Polymerase chain reaction–based detection of rhinovirus, respiratory syncytial virus, and coronavirus in otitis media with effusion. 1998;133:390-4
Pollack MM (*see* Ruttimann et al). 1998;133:79-85
Potau N (*see* Vicens-Calvet et al). 1998;133:147-8 (CLO)
Potter JD (*see* Mertens et al). 1998;133:617-23
Prazar GE. The aural infrared thermometer: a practitioner's perspective. 1998;133:471-2 (Editorial)
Price DA (*see* Swerdlow et al). 1998;133:516-20
Puck JM (*see* Infante et al). 1998;133:629-33
Pulmozyme Pediatric Bronchoscopy Study Group (*see* Wagener et al). 1998;133:486-91

R

Raafat F (*see* Moghal et al). 1998;133:220-3
Rabah R (*see* Savaşan et al). 1998;133:694-6 (CLO)
Raia V (*see* Santamaria et al). 1998;133:717-8 (Letter)
Rajantie J (*see* Tupola et al). 1998;133:792-4 (CLO)
Rakusan TA (*see* Young et al). 1998;133:765-9
Ramaswami U, Rumsby G, Hindmarsh PC, Brook CGD. Genotype and phenotype in hypochondroplasia. 1998;133:99-102
Ramenghi B (*see* Ravelli et al). 1998;133:262-5 (CLO)
Ramos M (*see* Archibald et al). 1998;133:640-4
Ransom JA (*see* Ogunbi et al). 1998;133:103-7
Rantala H, Tarkka R, Uhari M. Pros and cons of treatments and studies of recurrent febrile seizures. 1998;133:715 (Letter reply)
Rao SP (*see* Moallem et al). 1998;133:279-81 (CLO)
Ravelli A, Viola S, Ramenghi B, Beluffi G, Zonta LA, Martini A. Radiologic progression in patients with juvenile chronic arthritis treated with methotrexate. 1998;133:262-5 (CLO)
Ravindranath Y (*see* Savaşan et al). 1998;133:694-6 (CLO)
Rees L (*see* Maxwell et al). 1998;133:435-40
Reid B (*see* Dalal et al). 1998;133:144-6 (CLO)
Reiss TF (*see* Kemp et al). 1998;133:424-8
Remer T (*see* Neubert and Remer). 1998;133:655-9
Resti M (*see* Bortolotti et al). 1998;133:378-81
Rhead WJ (*see* Acarregui et al). 1998;133:697-700 (CLO)
Riaño I, Rivas MF, Crespo M, Crespo MFR. Growth hormone deficiency and solid tumor chemotherapy. 1998;133:582 (Letter)
Richardson DK (*see* Bednarek et al). 1998;133:601-7
Rickard KA, Loghmani ES, Cleveland JL, Fineberg NS, Freidenberg GR. Lower glycemic response to sucrose in the diets of children with type 1 diabetes. 1998;133:429-34
Riegel K (*see* Wolke et al). 1998;133:224-31
Rigatto H (*see* Idiong et al). 1998;133:509-12
Riley SP (*see* Jacob et al). 1998;133:193-200
Rivas MF (*see* Riaño et al). 1998;133:582 (Letter)
Robertson CMT (*see* Cheung et al). 1998;133:735-9
Robin NH, Shprintzen RJ. The heart and the ear. 1998;133:167-8 (Letter)
Robinson JL, Seal RF, Spady DW, Joffres MR. Comparison of esophageal, rectal, axillary, bladder, tympanic, and pulmonary artery temperatures in children. 1998;133:533-6 (CLO)
Robison L (*see* Feusner et al). 1998;133:585-6 (Letter)
Robison LL (*see* Mertens et al). 1998;133:617-23
Rock MJ (*see* Wagener et al). 1998;133:486-91
Rockenmacher S (*see* Cox et al). 1998;133:247-53
Rognum TO (*see* Milerad et al). 1998;133:232-6
Rohr F (*see* Cox et al). 1998;133:247-53
Roifman CM (*see* Dalal et al). 1998;133:144-6 (CLO)
Roifman CM (*see* Grouhi et al). 1998;133:571-4 (CLO)

Román J, Villaizán CJ, García-Foncillas J, Salvador J, Sierrasesúmaga L. Growth hormone deficiency and solid tumor chemotherapy. 1998;133:582-3 (Letter reply)
Romano JT (*see* Gingold et al). 1998;133:568-70 (CLO)
Rosenberg AA. Inhaled nitric oxide in the premature infant with severe hypoxemic respiratory failure: a time for caution. 1998;133:720-1 (Editorial)
Rosenblatt RM (*see* Johnson et al). 1998;133:441-8
Rosenbloom AL. Evaluation of severe hypospadias. 1998;133:169-70 (Letter)
Rosenfeld M. Home nebulizers in patients with cystic fibrosis. 1998;133:716 (Letter reply)
Rosenfeld RG. Growth hormone supplementation in Turner's syndrome. 1998;133:803 (Letter reply)
Rosenow F, Wyllie E, Kotagal P, Mascha E, Wolgamuth BR, Hamer H. Staring spells in children: descriptive features distinguishing epileptic and nonepileptic events. 1998;133:660-3
Ross J (*see* Feusner et al). 1998;133:585-6 (Letter)
Rubin LP (*see* Bednarek et al). 1998;133:601-7
Rueda R, Sabatel JL, Maldonado J, Molina-Font JA, Gil A. Addition of gangliosides to an adapted milk formula modifies levels of fecal *Escherichia coli* in preterm newborn infants. 1998;133:90-4
Rumsby G (*see* Ramaswami et al). 1998;133:99-102
Rusin JA (*see* Garvey et al). 1998;133:664-9
Ruttimann UE, Patel KM, Pollack MM. Length of stay and efficiency in pediatric intensive care units. 1998;133:79-85
Ryan L (*see* Stoler et al). 1998;133:346-52

S

Saar PP (*see* Tupola et al). 1998;133:792-4 (CLO)
Sabatel JL (*see* Rueda et al). 1998;133:90-4
Sack Y (*see* Linder et al). 1998;133:310 (Letter reply)
Saenger P. Growth hormone in von Recklinghausen's disease: Reckless or recommended? 1998;133:172-4 (Editorial)
Saenger P, Sandberg DE. Delayed puberty: when to wake the bugler 1998;133:724-6 (Editorial)
Saigal S (*see* Brunton et al). 1998;133:340-5
Salvador J (*see* Román et al). 1998;133:582-3 (Letter reply)
Salzman MB, LaRussa P. Transmission of varicella-vaccine virus: What is the risk? 1998;133:310-1 (Letter reply)
Sampson HA (*see* James et al). 1998;133:624-8
Sampson HA (*see* Sicherer et al). 1998;133:214-9
Sandberg D (*see* Saenger and Sandberg). 1998;133:724-6 (Editorial)
Sandhoff K (*see* Landrieu et al). 1998;133:129-32 (CLO)
Sann L. Mechanism of hyperammonemia. 1998;133:168-9 (Letter)
Santamaria F, Celentano L, Buonpensiero P, Sarnelli P, Caterino M, Raia V. Positive expiratory pressure treatment: efficacy in pulmonary diseases. 1998;133:717-8 (Letter)
Saphyakhajon P, Greene GR. Do we need high-dose acetylsalicylic acid (ASA) in Kawasaki disease? 1998;133:167 (Letter)
Sarnelli P (*see* Santamaria et al). 1998;133:717-8 (Letter)
Satow K (*see* Gillor et al). 1998;133:585 (Letter)
Savage MO (*see* Swerdlow et al). 1998;133:516-20
Savaşan S, Fulgenzi LA, Rabah R, Mohamed AN, Ravindranath Y. Generalized infantile myofibromatosis in a patient with Turner's syndrome: a trial of interferon-α. 1998;133:694-6 (CLO)
Saville A (*see* Lum et al). 1998;133:613-6
Sawada A (*see* Etani et al). 1998;133:588 (Letter)
Schanler RJ (*see* Shulman et al). 1998;133:645-9
Schlegel N (*see* Farnoux et al). 1998;133:137-40 (CLO)
Schnabel K (*see* Caserta et al). 1998;133:386-9
Schoen BT (*see* Ogunbi et al). 1998;133:103-7
Scholz TA (*see* Craig et al). 1998;133:727 (Insights)
Schulte J (*see* Moore et al). 1998;133:108-12
Schwab J (*see* Susman et al). 1998;133:521-5
Schwartz HJ (*see* James et al). 1998;133:624-8
Seal RF (*see* Robinson et al). 1998;133:533-6 (CLO)
Sebag G (*see* Farnoux et al). 1998;133:137-40 (CLO)
Seidenberg BC (*see* Kemp et al). 1998;133:424-8
Seri I, Abbasi S, Wood DC, Gerdes JS. Regional hemodynamic effects of dopamine in the sick preterm neonate. 1998;133:728-34
Shah B (*see* Bednarek et al). 1998;133:601-7
Shalet SM (*see* Howell et al). 1998;133:201-5
Shalev RS, Manor O, Auerbach J, Gross-Tsur V. Persistence of developmental dyscalculia: What counts? Results from a 3-year prospective follow-up study. 1998;133:358-62
Shalwitz R. Surfactant use in the term neonate with hypoxemic respiratory failure. 1998;133:716-7 (Letter reply)
Shannon BM (*see* Tershakovec et al). 1998;133:28-34
Shapiro EG (*see* Peters et al). 1998;133:7-9 (Editorial)
Shapiro GG (*see* Kemp et al). 1998;133:424-8
Shaughnessy RD. Systemic to pulmonary collateral arteries. 1998;133:585 (Letter reply)
Sherry DD (*see* Weiss et al). 1998;133:266-8 (CLO)
Shetty AK, Coffman K, Harmon E. Urethral prolapse. 1998;133:552 (Insights)
Shim D (*see* Mendelsohn and Shim). 1998;133:324-33
Shott S (*see* Bigger et al). 1998;133:73-8
Shprintzen RJ (*see* Robin and Shprintzen). 1998;133:167-8 (Letter)
Shulman RJ, Schanler RJ, Lau C, Heitkemper M, Ou C-N, Smith EO. Early feeding, feeding tolerance, and lactase activity in preterm infants. 1998;133:645-9
Shuper A, Attias D, Kornreich L, Zaizov R, Yaniv I. Familial hemophagocytic lymphohistiocytosis: improved neurodevelopmental outcome after bone marrow transplantation. 1998;133:126-8 (CLO)
Sicherer SH, Eigenmann PA, Sampson HA. Clinical features of food protein–induced enterocolitis syndrome. 1998;133:214-9
Siegel PT (*see* Stabler et al). 1998;133:366-73
Sierrasesúmaga L (*see* Román et al). 1998;133:582-3 (Letter reply)
Silvestri JM (*see* Bigger et al). 1998;133:73-8
Simmer K (*see* Makrides et al). 1998;133:559-62 (CLO)
Simoes EAF, Sondheimer HM, Top FH Jr, Meissner HC, Welliver RC, Kramer AA, Groothuis JR, Cardiac Study Group. Respiratory syncytial virus immune globulin for prophylaxis against respiratory syncytial virus disease in infants and children with congenital heart disease. 1998;133:492-9
Sinal SH (*see* DuRant et al). 1998;133:113-8
Sirois PA (*see* Usner et al). 1998;133:782-7
Smith EO (*see* Shulman et al). 1998;133:645-9
Smith EP, Wacksman J. Evaluation of severe hypospadias. 1998;133:170 (Letter reply)
SNAP II Study Group (*see* Bednarek et al). 1998;133:601-7
Snel A (*see* Omari et al). 1998;133:650-4
Snyder G (*see* Ackerman et al). 1998;133:309 (Letter)
Söhne B (*see* Wolke et al). 1998;133:224-31
Sondheimer HM (*see* Simoes et al). 1998;133:492-9
Sontag M (*see* Krebs et al). 1998;133:761-4
Sorroche P (*see* Ferraris et al). 1998;133:533-6
Souillet G (*see* Guffon et al). 1998;133:119-25
Souri M (*see* Cox et al). 1998;133:247-53
Southcott E (*see* Miki et al). 1998;133:750-4
Spady DW (*see* Robinson et al). 1998;133:533-6 (CLO)
Spector SA (*see* McKinney et al). 1998;133:500-8
Spettell C (*see* Baumgart et al). 1998;133:57-62
Spiller HA, Krenzelok EP, Anderson BD. Sulfonylurea ingestion in children: Is an 8-hour observation period sufficient? 1998;133:584-5 (Letter reply)
Spitzer AR (*see* Baumgart et al). 1998;133:57-62
Sprecher DL (*see* Morrison et al). 1998;133:526-32
Stabler B, Siegel PT, Clopper RR, Stoppani CE, Compton PG, Underwood LE. Behavior change after growth hormone treatment of children with short stature. 1998;133:366-73
Stader B (*see* Moore et al). 1998;133:108-12
Stallings VA (*see* Tershakovec et al). 1998;133:28-34
Standiford DA (*see* Young et al). 1998;133:46-50
Stanley CA (*see* Glaser et al). 1998;133:801 (Letter)
Stanley CA (*see* Weinzimer and Stanley). 1998;133:169 (Letter reply)
Stanley CA (*see* Weinzimer and Stanley). 1998;133:801 (Letter reply)
Stanley K (*see* McKinney et al). 1998;133:500-8
Steed RD (*see* McConnell et al). 1998;133:259-61 (CLO)
Stein EA (*see* Gidding et al). 1998;133:242-6
Steinbuch M (*see* Mertens et al). 1998;133:617-23
Steyerberg EW (*see* van Stuijvenberg et al). 1998;133:557-8 (CLO)
Stiehm ER (*see* Hanley-Lopez et al). 1998;133:141-3 (CLO)
Stocker JT (*see* Hartman et al). 1998;133:457-62 (Grand rounds)
Stoddard R (*see* Ackerman et al). 1998;133:309 (Letter)
Stoler JM, Huntington KS, Peterson CM, Peterson KP, Daniel P, Aboagye KK, Lieberman E, Ryan L, Holmes LB. The prenatal detection of significant alcohol exposure with maternal blood markers. 1998;133:346-52

Stolley PD (*see* Tershakovec et al). 1998;133:28-34
Stone NJ (*see* Gidding et al). 1998;133:242-6
Stoppani CE (*see* Stabler et al). 1998;133:366-73
Straczek J (*see* Guffon et al). 1998;133:119-25
Straus SE (*see* Infante et al). 1998;133:629-33
Strauss RS, Dietz WH. Growth and development of term children born with low birth weight: effects of genetic and environmental factors. 1998; 133:67-72
Sullivan K (*see* Ogunbi et al). 1998;133:103-7
Sundel RP (*see* de Zorzi et al). 1998;133:254-8
Susman EJ, Finkelstein JW, Chinchilli VM, Schwab J, Liben LS, D'Arcangelo MR, Meinke J, Demers LM, Lookingbill G, Kulin HE. The effect of sex hormone replacement therapy on behavior problems and moods in adolescents with delayed puberty. 1998;133:521-5
Swerdlow AJ, Higgins CD, Brook CGD, Dunger DB, Hindmarsh PC, Price DA, Savage MO. Mortality in patients with congenital adrenal hyperplasia: a cohort study. 1998;133:516-20

T

Tada K (*see* Etani et al). 1998;133:588 (Letter)
Taggart AC (*see* Burke et al). 1998;133:206-13
Tajiri H (*see* Etani et al). 1998;133:588 (Letter)
Takahashi M. The endothelium in Kawasaki disease: the next frontier. 1998;133:177-9 (Editorial)
Tan PSK (*see* Lum et al). 1998;133:613-6
Tang J-R, Hsu H-Y, Lin H-H, Ni Y-H, Chang M-H. Hepatitis B surface antigenemia at birth: a long-term follow-up study. 1998;133:374-7
Tanimura M (*see* Ikeda et al). 1998;133:586 (Letter reply)
Tarkka R (*see* Rantala et al). 1998;133:715 (Letter reply)
Tasso L (*see* Bortolotti et al). 1998;133:378-81
Taylor BJ (*see* Mitchell et al). 1998;133:701-4 (CLO)
Taylor CM (*see* Moghal et al). 1998;133:220-3
Teele RL (*see* Bloomfield et al). 1998;133:269-71 (CLO)
Teisner B (*see* Heuck et al). 1998;133:608-12
Tershakovec AM, Jawad AF, Stallings VA, Zemel BS, McKenzie JM, Stolley PD, Shannon BM. Growth of hypercholesterolemic children completing physician-initiated low-fat dietary intervention. 1998;133:28-34
Thacher TD (*see* Pfitzner et al). 1998;133:740-4
Thomas D (*see* Khongphatthanayothin et al). 1998;133:51-6
Thomas W (*see* Moran et al). 1998;133:10-7
Thompson C (*see* Burke et al). 1998;133:206-13
Thompson JMD (*see* Mitchell et al). 1998;133:701-4 (CLO)
Thornton PS (*see* Glaser et al). 1998;133:801 (Letter reply)
Ting SS, Ziegler J, Fischer E. Familial granulomatous arthritis (Blau syndrome) with granulomatous renal lesions. 1998;133:450-2 (CLO)
Ting SS, Ziegler J, Leigh D, Kemp A, Lindeman R. Mosaicism in X-linked severe combined immunodeficiency. 1998;133:575-6 (CLO)
Todd JL, Todd NW. The heart and the ear. 1998;133:168 (Letter reply)
Todd NW (*see* Todd and Todd). 1998;133:168 (Letter reply)
Top FH Jr (*see* Simoes et al). 1998;133:492-9
Trobos S (*see* Frischhut et al). 1998;133:449 (Insights)
Troncone R (*see* Branski and Troncone). 1998;133:181-7
Tsiouris J, Tsiouris N. Hemiplegia as a complication of treatment of childhood immune thrombocytopenic purpura with intravenously administered immunoglobulin. 1998;133:717 (Letter)
Tsiouris N (*see* Tsiouris and Tsiouris). 1998;133:717 (Letter)
Tsuchida Y (*see* Ikeda et al). 1998;133:586 (Letter reply)
Tully JM (*see* O'Donnell et al). 1998;133:272-4 (CLO)
Tupola S, Saar PP, Rajantie J. Abnormal electroencephalogram at diagnosis of insulin-dependent diabetes mellitus may predict severe symptoms of hypoglycemia in children. 1998;133:792-4 (CLO)

U

Uhari M (*see* Rantala et al). 1998;133:715 (Letter reply)
Underwood LE (*see* Stabler et al). 1998;133:366-73
Usner DW, Donfield SM, Sirois PA, Gomperts ED, Bale JF Jr, Mitchell WG, Hemophilia Growth and Development Study. Hemophilia morbidity, cognitive functioning, and academic achievement. 1998;133:782-7
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Undernourished children; *see* Nutrition disorders
Urethra
Urethral prolapse (Shetty et al). 1998;133:552 (Insights)
Urine
The impact of dietary protein intake on urinary creatinine excretion in a healthy pediatric population (Neubert and Remer). 1998;133:655-9
Uveitis
Methotrexate for resistant chronic uveitis in children with juvenile rheumatoid arthritis (Weiss et al). 1998;133:266-8 (CLO)

V

Vaccines
Combined schedule of 7-valent pneumococcal conjugate vaccine followed by 23-valent pneumococcal vaccine in children and young adults with sickle cell disease (Vernacchio et al). 1998;133:275-8 (CLO)
Transmission of varicella-vaccine virus: What is the risk? (Wald) (Letter); (Salzman and LaRussa) (Reply). 1998;133:310-1
Varicella; *see* Chickenpox
Vasculitis
Cerebral vasculitis associated with chronic mucocutaneous candidiasis (Grouhi et al). 1998;133:571-4 (CLO)
The endothelium in Kawasaki disease: the next frontier (Takahashi). 1998;133:177-9 (Editorial)
Fatal obliterative coronary vasculitis in Kawasaki disease (McConnell et al). 1998;133:259-61 (CLO)
Veins
Incidence and risk factors of catheter-related deep vein thrombosis in a pediatric intensive care unit: a prospective study (Beck et al). 1998;133:237-41
Very low birth weight infant; *see* Infant, low birth weight
Violence
Victimization, use of violence, and drug use at school among male adolescents who engage in same-sex sexual behavior (DuRant et al). 1998;133:113-8
Viruses
Transmission of varicella-vaccine virus: What is the risk? (Wald) (Letter); (Salzman and LaRussa) (Reply). 1998;133:310-1
Vitamin D deficiency
Absence of vitamin D deficiency in young Nigerian children (Pfitzner et al). 1998;133:740-4

Vitamins
Endothelial dysfunction occurs in children with two genetic hyperlipidemias: improvement with antioxidant vitamin therapy (Mietus-Snyder and Malloy). 1998;133:35-40
Vomiting
Pediatric imaging perspective: the vomiting infant (Bisset et al). 1998;133:306-7 (Grand rounds)
von Recklinghausen's disease; ***see*** **Neurofibromatosis 1**

W

Wilkins, Lawson
Lawson Wilkins (1894–1963) (Blizzard). 1998;133:577-80 (Profiles)
Williams syndrome
Periodic limb movement in sleep in children with Williams syndrome (Arens et al). 1998;133:670-4
Wolf-Hirschhorn syndrome
Antibody deficiency in Wolf-Hirschhorn syndrome (Hanley-Lopez et al). 1998;133:141-3 (CLO)

X

X chromosome
Congenital heart disease in patients with Turner's syndrome (Mazzanti et al). 1998;133:688-92
Mosaicism in X-linked severe combined immunodeficiency (Ting et al). 1998;133:575-6 (CLO)
Xenobiotics
Spectrum of gestational exposure to illicit drugs and other xenobiotic agents in newborn infants by meconium analysis (Ostrea et al). 1998;133:513-5

Y

Yersinia enterocolitica
Anticipatory guidance and chitterlings (Bien). 1998;133:712 (Letter)
Youths; ***see*** **Adolescence**

Z

Zidovudine
A randomized study of combined zidovudine-lamivudine versus didanosine monotherapy in children with symptomatic therapy-naive HIV-1 infection (McKinney et al). 1998;133:500-8
Zinc
Low plasma zinc concentrations in young infants with cystic fibrosis (Krebs et al). 1998;133:761-4